

Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain 102. The concentration of the *Agrobacterium* strain 102 was varied from 10⁶ to 10⁹ cells/ml. The transformation efficiency was determined by the number of transformants per 10⁶ cells of the *Agrobacterium* strain 102. The data are the mean \pm SD of three independent experiments. The transformation efficiency was significantly higher at 10⁸ cells/ml than at 10⁶ and 10⁷ cells/ml ($P < 0.05$).

Ala-Gln-Glu-Pro-Val-Lys-Gly-Pro-Val-Ser-Thr-Lys-Pro-Gly-Ser-Cys-Pro-
Ile-Ile-Leu-Ile-Arg-Cys-Ala-Met-Leu-Asn-Pro-Pro-Asn-Arg-Cys-Leu-Lys-
Asp-Thr-Asp-Cys-Pro-Gly-Ile-Lys-Lys-Cys-Cys-Glu-Gly-Ser-Cys-Gly-Met-
Ala-Cys-Phe-Val-Pro-Gln

and analogues thereof which possess inhibitory activity against human leukocyte elastase. The polypeptides may be obtained by expression using plasmidic expression systems in hosts such as E. Coli and yeast, the polypeptide of formula I being also obtainable from psoriatic plaques.